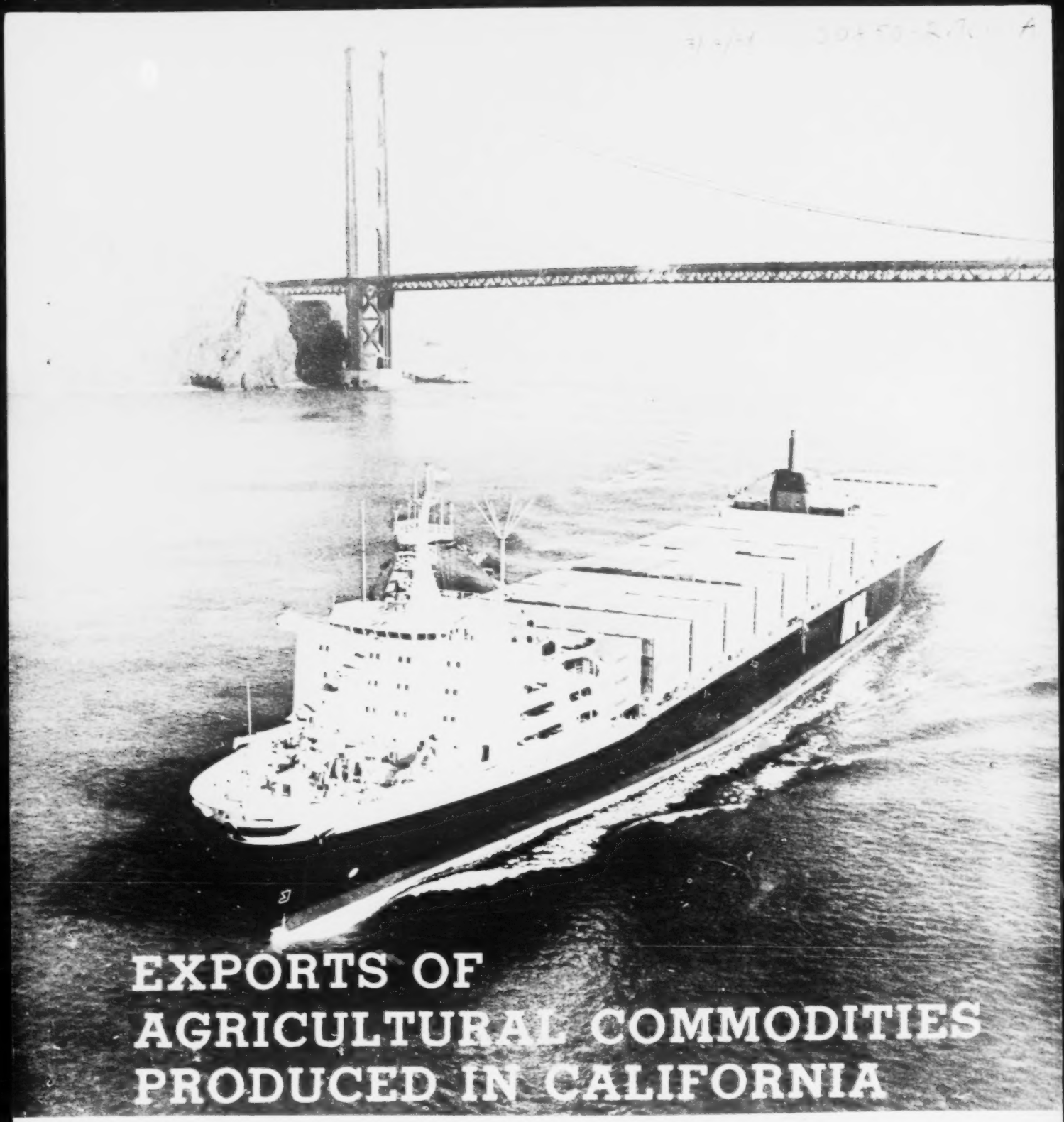

EXPORTS OF AGRICULTURAL COMMODITIES PRODUCED IN CALIFORNIA

ANNUAL BULLETIN CALENDAR YEAR 1982

CALIFORNIA CROP AND LIVESTOCK REPORTING SERVICE

EXPORTS OF AGRICULTURAL COMMODITIES PRODUCED IN CALIFORNIA
CALENDAR YEAR 1982

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DATA INCLUSIONS AND LIMITATIONS: Data sources often differ in what is included or excluded. The following are guidelines for the data used in this report. The fact that various export studies report different numbers is often explained by whether or not it includes or excludes some of the following items or trade patterns.

1. Shipments between the 50 states, Puerto Rico, and U.S. island possessions (Virgin Islands, Guam, etc.) are excluded from the data on which this report is based.

2. Shipments in transit from one country to another through the U.S. are excluded.

3. Shipments to U.S. Armed Forces and Diplomatic Missions abroad for their own use are excluded.

4. Shipments under P.L. 83-480 (Agricultural Trade Development and Assistance Act) and P.L. 87-195 (Act for International Development) are included.

5. Agricultural commodities covered in this report consist of nonmarine food products and agricultural products that have not passed through complex manufacturing processes. Raw hides and skins, vegetable and animal fats and oils, and unrefined wines are included. Such manufactured items as textiles, leather, boots and shoes, baked goods, and distilled alcoholic beverages are not included.

6. Both the California Crop and Livestock Reporting Service and the U.S. Department of Commerce are constantly updating and revising data. The most recent available revision was used at the time of the assembly of this report, April-June 1983.

INFORMATION SOURCES: The following is a list of major sources used in this report.

U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division data series EA622, U.S. Exports, Schedule B Schedule by Schedule B Number by Unit Control by Country of Destination by Customs District of Exportation by Economic Class and Method of Transportation, available on magnetic computer tape.

U.S. Department of Agriculture, Economic Research Service, 1982.

U.S. Department of Agriculture, Statistical Reporting Service, Foreign Agricultural Trade of the United States, especially the March/April 1983 issue.

Agriculture Canada. Annual Unload Report -- Fresh Fruits and Vegetables on 12 Canadian Markets.

U.S. Department of Agriculture publications: Foreign Agriculture, U.S.D.A. News Weekly Round-up of World Economic Conditions in Relation to Agricultural Trade, Agricultural Outlook, and periodic releases of the Crop Reporting Board.

Federal/State Market News Service Publications. Frequent market reports sometimes include exported commodities.

Marketing Organizations and Individuals. Many people supplied opinions and information about the commodities with which they are professionally involved. We wish to thank all those who contributed their expertise.

INTRODUCTION: This 1982 estimate of California's agricultural exports is being published in two sections: (1) the Annual Bulletin and (2) a Statistical Appendix. This makes Tables 1-5 of the export report available separately from the Statistical Appendix that contains tables of commodity shipments by country of destination and tables showing all agricultural commodities shipped to selected countries.

Using a calendar year basis complicates comparisons of exports to crop data with varying crop or marketing year cut-off dates. Where crops are harvested late in the year and marketed throughout the following year (e.g., cotton, almonds), the comparisons shown are with the production of the preceding year. Please note footnotes to Table 3 to ascertain whether this delayed comparison system has been used.

The comparisons of both California and U.S. crop values to exports in Table 3 are calculated using average farm level prices at the state and national level. Since exported produce is often of higher than average quality and may represent off-season high value produce in some categories, the use of average prices probably underestimates the value of the exported portion of the crop.

Farm values and quantities used to compare exports to the total crop were taken from existing publications of the California Crop and Livestock Reporting Service and the U.S. Department of Agriculture's Statistical Reporting Service published material. Conversion of commodities from export form to farm production units was done using Statistical Bulletin No. 362, Conversion Factors and Weights and Measures for Agricultural Commodities and Their Products. Table 5 comparisons between California and U.S. total exports are done solely on export values.

The Statistical Appendix containing Tables 6 and 7 is published separately from the current bulletin. In the commodity by country tables, both U.S. and California port data are shown for most agricultural commodities that appear in Table 5. In Table 7, selected U.S. agricultural exports, the portion moving through California port districts, and a separation between sea and air shipments are shown by country. The 25 leading markets for U.S. agricultural products are included.

The final estimates of California's agricultural exports in this bulletin were made using the port data, information from the Canadian government on unloads of fresh fruits and vegetables, and by contacting representatives of commodity groups, exporters, and handlers to obtain their opinions. Each commodity was treated separately and the estimate was made on the best available information. It should be emphasized that these are estimates since exact data are not available.

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TABLE 1. ESTIMATED VALUE OF CALIFORNIA'S LEADING AGRICULTURAL EXPORTS VALUED AT PORT OF EXPORTATION, CALENDAR YEARS 1981 AND 1982 WITH PERCENTAGE CHANGE

Commodity	Commodity Ranking		Value		Value Change	
	1981	1982	1981	1982	1980-1981	1981-1982
			- 1,000 Dollars -		- Percent -	
Cotton Lint	1	1	989,253	897,021	- 13	- 9
Grapes (Incl. Fresh, Raisins, and Crushed)	5	2	260,766	245,504	+ 13	- 6
Almonds	4	3	307,324	236,287	- 29	- 23
Wheat	3	4	315,844	218,458	+ 12	- 31
Oranges (Incl. Fresh, Juice, and Oil)	6	5	204,749	194,153	+ 16	- 5
Rice	2	6	321,440	111,091	+ 1	- 65
Beef Cattle and Products	9	7	86,695	91,004	- 6	+ 5
Lemons (Incl. Fresh, Juice, and Oil)	7	8	92,044	82,156	- 1	- 11
Walnuts	8	9	88,503	77,759	+ 7	- 12
Prunes	11	10	71,291	71,407	+ 10	0
Peaches (Incl. Canned and Portion of Mixtures)	10	11	73,896	59,906	- 2	- 19
Cottonseed	12	12	54,212	47,723	+ 7	- 12
Tomatoes (Incl. Fresh and Processed)	13	13	50,648	45,169	+ 16	- 11
Lettuce	17	14	36,709	39,379	+ 23	+ 7
Dairy Cattle and Products	16	15	38,905	37,986	- 8	- 2
Dry Beans	14	16	45,674	36,034	+ 9	- 21
Alfalfa	19	17	34,162	32,188	- 24	- 6
Onions	15	18	42,448	29,754	+ 49	- 30
Strawberries	19	19	12,953	21,228	- 21	+ 64
Chickens and Eggs	18	20	36,588	19,401	- 16	- 47
Grapefruit	22	21	18,361	17,457	+ 3	- 5
Pears	21	22	19,602	16,864	+ 6	- 14
Celery	*	23	14,418	15,533	+ 26	+ 8
Flowers and Plants	23	24	16,081	14,907	+ 23	- 7
Broccoli	*	25	12,535	13,558	+ 39	+ 8
Remaining Estimated Commodities (see Table 5)			109,539	128,382		
All Other Commodities (see Table 8)			830,065	526,501		
TOTAL			4,198,165	3,311,305	+ 5	- 21

* First year on list

HIGHLIGHTS OF CALIFORNIA'S AGRICULTURAL EXPORTS
CALENDAR YEAR 1982

Table 1

California's agricultural exports declined to $3.3 billion in value during 1982, a 21% drop from 1981. This is the first year since this series began in 1975 that a decrease has occurred. The percentage loss was greater than the national trend due to an abnormal curtailment of rice sales to Korea that reduced California's rice exports by 65%. Almonds and wheat also recorded significant declines of 23% and 31%, respectively -- a result of several factors including a stronger dollar that makes U.S. exports more expensive, the slowing of economic activities throughout the world, and increasing competition from other suppliers.

Most prominent among the explanations of the export decline is the strong U.S. dollar, calculated to be "overvalued by 20 percent or more in relation to the currencies of its main trading partners," by an index of the dollar's value against 15 major currencies. (New York Times, June 19, 1983). A study by USDA economists shows the growing strength of the dollar alone over the last two years has reduced U.S. farm exports by about $3 billion. Also, Department of Commerce data show that the decline in net exports from the U.S. has been a major factor dragging down the economy over the past three years.

Cotton continues to lead the list of products California is sending abroad. Grapes (including table grapes, raisins, wine, juice, and canned products) have risen into the number two position ahead of almonds, wheat, oranges, and rice. All of these leading California products registered declines in export value between 1981 and 1982.

Among California's 25 leading agricultural exports, only five showed gains in 1982; lettuce, celery, broccoli, strawberries, and beef cattle and products. A year of better prices for vegetables and berries and a regaining of the market for hides and tallow accounted for the good export performance of these products.

Avocados were displaced from the list of leading California exports due to the re-emergence of Israel as a source of supply in the European markets after a 1981 crop failure. This curtailed exports from California to EEC countries, especially France.

Strawberries registered the largest gain in value between 1981 and 1982: the export volume increased only 4% but higher values for early produce shipped to Canada, Japan, and West Germany, and the revival of the Japanese market after being interrupted by the Medfly embargo served to boost the value by 64%.

An estimate by a Congressional Joint Economic Committee economist places 20% of the Gross National Product in the agricultural sector with 23 million U.S. jobs and extensive investment in infrastructure dependent on what our farms and ranches produce. Hence, the decline in agricultural exports affects unemployment and reduces the strength of all sectors of the California economy.

TABLE 2. CALIFORNIA'S AGRICULTURAL EXPORT PROFILE 1982

Commodity	Farm Level Value of Exports as a Percentage of Total Value of Production	CA Export Value as a Percentage of Total U.S. Export Value at Port of Embarcation	Acres Needed to Produce Exports at State Average Yields
	- - - - - Percentage - - - - -		- - - Acres - - -
FIELD CROPS			
Alfalfa Seed	7.3	31.8	6,274
Alfalfa Hay	3.0	32.6	34,627
Barley	0.4	0.3	2,271
Cotton Lint	80.1	51.1	1,272,986
Cottonseed	37.2	21.3	
Dry Beans	36.2	52.9	87,471
Ladino Clover Seed	78.9	100.0	5,291
Rice	30.1	46.0	167,971
Wheat	57.6	3.1	669,262
FRUITS AND NUTS			
Almonds 1/	48.3	100.0	190,385
Apricots	16.0	100.0	2,519
Avocados	4.3	84.3	2,822
Dates	22.7	100.0	889
Figs	10.0	100.0	476
Grapes			
Fresh	21.5	99.0	13,062
Raisins	22.0	100.0	19,984
Crushed and Canned	3.1	76.2	9,604
Grapefruit	31.2	14.0	6,883
Lemons	40.4	73.3	21,410
Olives	2.1	100.0	519
Oranges	29.8	61.5	53,379
Peaches			
Freestone	15.3	79.1	3,068
Clingstone	10.8	100.0	3,110
Pears	8.0	26.0	2,767
Plums	14.7	75.4	4,709
Prunes	51.8	100.0	32,995
Tangerines	25.6	78.0	1,393
Walnuts	23.7	100.0	40,458
VEGETABLES			
Asparagus	15.7	71.0	4,444
Broccoli	7.0	96.4	5,711
Cabbage	5.1	N/A	388
Carrots	5.1	51.5	1,705
Celery	8.8	73.2	2,012
Garlic	23.2	100.0	2,485
Lettuce	6.8	76.0	10,083
Onions	22.3	78.0	7,581
Bell Peppers	7.0	22.7	532
Potatoes	3.8	36.0	2,082
Strawberries	4.1	86.3	430
Tomatoes			
Fresh	9.9	31.1	2,157
Processing	1.8	86.1	3,849
FLOWERS AND PLANTS			
LIVESTOCK AND POULTRY			
Beef Cattle and Products	2.8	4.6	
Dairy Products	2.2	10.9	
Sheep	2.6	9.3	
Chickens and Eggs	4.0	6.1	
Turkeys	1.6	11.3	
TOTAL	24.4	9.0	2,696,044

CALIFORNIA'S AGRICULTURAL EXPORT PROFILE, 1982

Table 2

The importance of international trade to California's ranchers and growers is shown in three ways in Table 2. One measure is the value of exports as a percentage of value of production. This dependence ranges from less than 2% for processing tomatoes, up to 80% for cotton lint. A second measure is California's percentage of total U.S. export value and in 29 products California exports more than half the U.S. total. The third measure is an estimate of how many acres are used to produce the exported products and the total is 2.7 million acres even without allowing acres for livestock products. This is 29% of the estimated cropland harvested in 1982.

Cotton again leads the list with the highest exported percentage of California's major crops. With four out of five bales going abroad, the cotton industry in California is serving the apparel industries of Japan, South Korea, Mainland China, and other Pacific Rim countries. At state average yields, about 1.3 million acres are producing cotton for international markets. Compared to total U.S. exports of medium and long staple cotton, California accounts for half (51.1%) of the nation's sales abroad.

Grape growers are sending one-fifth of their produce abroad if they grow table grapes or raisins, but only 3% of the crushed and canned grapes are destined for overseas markets. Practically all the nation's exported table grapes and 100% of the raisins are grown in California. An estimated 42,650 acres of vineyards would be needed to produce these exports using state average yields.

Almonds continue to be a leading export commodity with about half (48.3%) going into international trade. This comparison is less than industry estimates because of the calendar year basis of this report that compares 1982 calendar year exports with the 1981 production -- a system that differs from the marketing year approach used by the almond industry. About 190,385 acres would be needed to produce the almonds sold abroad in 1982.

In former years, as much as 80% of California's wheat and rice has been sold abroad, but in 1982 wheat was just over half (57.6%) exported and rice dropped to 30.1%. The rice decline is largely due to curtailment of shipments to South Korea during a prolonged contract dispute that has yet to be resolved.

Other California commodities that have more than one-third of the crop going into international trade include: dry beans (36.2%), cottonseed (37.2%), ladino clover seed (78.9%), lemons (40.4%), and prunes (51.8%). Those with between one-fifth and one-third exported include: dates (22.7%), grapefruit (31.2%), oranges (29.8%), tangerines (25.6%), walnuts (23.7%), garlic (23.2%), and onions (22.3%).

California's leadership in the specialty crops is evidenced by the proportion of U.S. exports originating in California. In eleven crops, California produces 100% of U.S. exports and in another eighteen, more than half come from the Golden State's farms and ranches.

TABLE 3. CALIFORNIA'S PRINCIPAL CROP AND LIVESTOCK COMMODITIES ESTIMATED FARM VALUE OF PRODUCTION AND COMPARABLE FARM VALUE OF EXPORTS WITH COMPARISON TO U.S. TOTAL, 1982

Commodity	Unit	1982 California Total Quantity of		1982 California Farm Value of		Farm Level Export Value as Percent of Production	
		Production	Exports	Production	Exports	California	U.S.
		- - - 000 Units - - -		- - - 000 Dollars - - -		- - Percent - -	
FIELD CROPS							
Alfalfa Seed	Lbs.	54,520	3,639	62,153	4,549	7.3	12.1
Alfalfa Hay	S/Tons	6,432	232	596,676	17,662	3.0	0.5
Barley	Bu.	38,442	141	105,710	388	0.4	12.1
Cotton Lint 1/	Rba.	3,535	2,687	1,079,165	864,549	80.1	34.7
Cottonseed 1/	S/Tons	11,445	494	131,495	47,723	37.2	41.8
Dry Beans	Cwt.	3,842	1,487	117,814	42,673	36.2	9.2
Ladino Clover Seed	Lbs.	2,200	1,693	3,303	2,607	78.9	78.9
Rice 1/	Cwt.	40,924	11,506	300,791	90,555	30.1	31.0
Wheat	Bu.	81,545	46,848	309,013	178,030	57.6	56.8
FRUITS AND NUTS							
Almonds 1/	S/Tons	204	99	314,160	151,865	48.3	48.3
Apricots	S/Tons	110	13	34,715	5,566	16.0	15.4
Avocados	S/Tons	155	13	105,400	4,587	4.3	4.6
Dates	S/Tons	23	5	14,541	3,306	22.7	22.7
Figs	S/Tons	35	1.2	9,597	958	10.0	10.0
Grapes: All Fresh	S/Tons	657	122	292,365	62,766	21.5	20.2
All Raisins 1/	S/Tons	256	57	339,012	74,679	22.0	22.0
All Processed 1/	S/Tons	2,416	73	509,182	18,450	3.1	3.0
Grapefruit--64# Boxes	Box	6,610	2,065	23,406	7,312	31.2	23.5
Lemons--76# Boxes	Box	18,500	7,472	99,245	40,052	40.4	25.5
Olives	S/Tons	146	2	69,862	1,477	2.1	2.1
Oranges--75# Boxes	Box	43,000	12,811	359,048	106,973	29.8	14.5
Peaches: Freestone	S/Tons	207	27	43,861	6,712	15.3	4.9
Clingstone	S/Tons	551	51	86,820	9,343	10.8	10.8
Pears	S/Tons	321	29	64,514	5,131	8.0	9.9
Plums	S/Tons	119	12	73,369	10,821	14.7	16.1
Prunes	S/Tons	125	65	85,500	44,247	51.8	51.8
Tangerines--75# Boxes	Box	1,730	287	12,992	3,334	25.6	10.3
Walnuts 1/	S/Tons	225	53	228,150	53,964	23.7	23.7
VEGETABLE CROPS							
Asparagus	Cwt.	627	120	48,895	7,682	15.7	N/A
Broccoli	Cwt.	7,844	554	177,084	12,463	7.0	6.6
Cabbage	Cwt.	2,669	136	21,494	1,097	5.1	N/A
Carrots	Cwt.	11,322	537	115,636	8,415	5.1	3.4
Celery	Cwt.	12,812	1,135	128,670	11,351	8.8	8.5
Garlic	Cwt.	1,426	331	27,078	6,291	23.2	23.2
Lettuce	Cwt.	44,850	3,025	469,255	32,060	6.8	6.2
Onions	Cwt.	12,850	2,660	95,103	21,456	22.3	12.0
Bell Peppers	Cwt.	1,365	96	19,589	1,375	7.0	N/A
Potatoes	Cwt.	21,273	789	186,546	7,018	3.8	0.6
Strawberries	Cwt.	2,215	241	294,419	12,073	4.1	4.2
Tomatoes: Fresh	Cwt.	7,699	548	148,057	38,773	9.9	6.2
Processed 2/	S/Tons	5,525	102	369,188	6,803	1.8	1.8
FLOWERS AND PLANTS				943,771	14,142	1.5	
LIVESTOCK AND POULTRY							
Beef: Cattle and Calves				1,007,303	28,197	2.8	1.9
Dairy Products				1,941,234	41,953	2.2	3.0
Sheep				52,849	2,261	4.3	3.0
Chickens				628,547	25,164	4.0	3.3
Turkeys				157,560	2,451	1.6	1.7

1/ 1982 exports compared to 1981 crop due to lag in time of sale after harvest.
2/ Compared to an average of the 1980 and 1981 crops.
N/A Not available due to cutbacks in national commodity estimation.

COMPARISON OF CALIFORNIA'S AGRICULTURAL PRODUCTION WITH ESTIMATED EXPORTS

Table 3

Working with quantities of exports rather than the declared value at the port of embarkation as in Table 1, the farmgate value of California's agricultural exports is shown in Table 3. This farm level value is compared to total state production as estimated by the California Crop and Livestock Reporting Service. State average annual prices are used in arriving at the farm level value. Since exports of some commodities tend to be selected for their quality and ability to command high prices in foreign markets, this valuation is probably underestimated. A comparison of California to U.S. exports is computed using the same method: valuing exported quantities at national average farmgate prices. The percentage of California products going into international trade equals or exceeds the U.S. percentage in 70% of the listed commodities.

Calendar year export data presents problems when comparisons are made to a harvest period or marketing year that does not coincide with the calendar year. In noted cases, the comparison has been made with the previous calendar year's crop since considerable delay is encountered in shipping products harvested late in the year.

FIELD CROPS:

Cotton continues its heavy dependence (80%) on international trade. The value of California's cotton exports declined by 6% between 1981 and 1982 even though the volume increased by 12.5%. Lower prices created this situation: More bales were sold but they generated a lower total income. The worldwide decline in economic activity and competition from other suppliers were among the causal factors.

The decline of rice crop exports from 56.4% in 1981 to 30.1% in 1982, is a result of South Korean market contract conflicts and delayed deliveries. The decline in wheat exports closely parallels the lower production: even with a 31% decrease in value, the proportion of the crop exported is estimated at 57.6%, a change of only 1% from 1982.

FRUIT AND NUT CROPS:

Grapes and grape products have become the leading export among the many fruits and nuts produced in California. Table grape exports remained at the same tonnage level as 1981 but when compared to a considerably increased total crop, the proportion exported dropped from 30.1% to 21.5%. Raisin export tonnage was lower due to increasing competition from Greece, now a member of the EEC and enjoying the benefits of the Common Agricultural Policy and reduced barriers to entry in European markets. Wine exports also were reduced having been faced with a strengthening dollar and sluggish economic conditions.

Citrus continues as a well known California product abroad. Although the total number of boxes exported in 1982 fell short of 1981, the total value increased by nearly half (48.6%). Tangerines are a small part of the citrus volume (1.3%) but they are gaining quickly as an export.

Avocados dropped dramatically (-62% in export value) showing the results of sharply lower prices and the return of Israel to the European market after a particularly poor crop year in 1981.

VEGETABLE CROPS:

Vegetable exports in 1982 maintained volume levels similar to those experienced in 1981. With higher prices prevailing throughout the year, this led to increases in value of exports: a bright segment in the general decline of agricultural exports. Potatoes recorded the most significant gains with increased sales to Canada accounting for most of the difference. The share of lettuce production exported remains at the same (6-7%) level while the proportion of processed tomatoes declined to less than 2%.

LIVESTOCK AND POULTRY:

Estimating the quantity and farm value of livestock and livestock product exports is complicated by the variety of products involved, and the valuations assigned to diary products donated to foreign nutrition programs from U.S. government stockpiles.

Turkey product exports continue to increase as foreign markets develop appreciation for these processed specialty items. Chicken exports have fallen due to strong price competition from Brazil and France. Both subsidies and the stronger dollar have made it difficult for U.S. producers to meet the prices offered to Middle Eastern and Far Eastern buyers.

CHANGES OVER FIVE YEARS

TABLE 4

Changes in value of California's agricultural exports for the years 1978-1982 are shown in Table 4. The increase in total value over the five years is 39%, a measure that has been nearly halved by the sharp drop in 1982. Although lemons show a decline and cottonseed registered no change, all the remaining commodities increased with the range running from peaches (+1%) to wheat (+118%). With exports dropping in 1982, the peak for most commodities was in 1981.

TABLE 4. VALUE OF EXPORTED COMMODITIES PRODUCED IN CALIFORNIA, 1978-1982

Commodity	1978	1979	1980	1981	1982	% Change 1978-1982
	(Value in Thousand Dollars)					
Cotton Lint	672,122	805,180	1,135,559	989,253	897,021	+ 33
Almonds	184,286	286,952	429,817	307,324	236,287	+ 28
Grapes	135,017	176,627	230,864	260,766	245,504	+ 82
Oranges	123,399	105.429	177,094	204,749	194,153	+ 57
Lemons	100,554	97,498	93,210	92,044	82,156	- 18
Wheat	100,360	165,110	283,145	315,844	218,242	+117
Rice	90,963	147,022	318,808	321,440	111,091	+ 22
Cattle Products	80,085	109,012	91,762	86,695	91,004	+ 14
Prunes	59,846	55,117	64,861	71,291	71,407	+ 19
Peaches	59,416	62,513	75,372	73,986	59,906	+ 1
Walnuts	56,013	54,597	82,957	88,503	77,759	+ 39
Cottonseed	47,529	38,366	50,633	54,212	47,723	0
Tomatoes	36,137	50,521	43,782	50,648	45,169	+ 25
Lettuce	32,525	27,246	29,740	36,709	39,379	+ 21
Alfalfa	28,509	33,179	42,276	34,162	32,188	+ 13
Dairy Cattle and Products	24,391	30,768	42,277	38,905	37,986	+ 56
Dry Beans	22,524	24,879	42,093	45,674	36,034	+ 60
Onions	20,872	20,901	28,497	42,448	29,754	+ 43
Chickens and Products	18,073	15,539	43,801	36,588	19,401	+ 7
Pears	15,903	15,483	18,477	19,602	16,864	+ 6
Celery	14,424	14,394	11,476	14,418	15,533	+ 8
Flowers and Plants	13,189	14,174	13,052	16,081	14,907	+ 13
Strawberries	11,850	12,109	16,374	12,953	21,228	+ 79
Grapefruit	10,609	9,676	17,821	18,361	17,457	+ 65
Plums	9,120	9,311	13,278	14,591	13,181	+ 45
TOTAL	2,386,222	2,800,663	3,997,823	4,198,165	3,311,305	+ 39

CALIFORNIA'S SHARE OF THE NATION'S AGRICULTURAL EXPORTS

Table 5

California's estimated agricultural exports for calendar year 1982 are presented in Table 5 on an individual item basis. U.S. total agricultural exports of each item are also shown, and the share of the nation's exports provided by California is calculated using this data. Estimated values shown are based on port declarations and include freight, insurance, and port charges. These values are notably different from the farmgate values shown in Table 3.

Using these port values, California exports about one in every ten dollars of total U.S. agricultural exports. Among the listed commodity groups, California is providing more than 75 percent of the fruits and nuts and over half the vegetables, flowers, and berries. Because corn, soybeans, oilseed products, and tobacco are not among California's principal crops, the percentage of total U.S. agricultural exports is reduced.

This estimation of California's exports considers the amounts being shipped through California's three port districts, the U.S. total exports of each commodity, the California share in the national production of that commodity, and opinions and information from commodity traders and exporters. Additional information was obtained on fruit and vegetable shipments to Canada, and various U.S. government publications were consulted.

Each selected commodity was individually studied, and for some that are grown only in California (almonds, apricots, figs, dates, raisins, olives, prunes, walnuts, garlic, and ladino clover seed), the national export data are immediately applicable. For others, modifications of the port data were arrived at through the summarization of the individual pieces of information obtained from a wide variety of information sources. (See list on Page 2.)

Only when California grown products are not easily identifiable (hides and skins, tallow, meats, and poultry) is the California share of U.S. production used as a major factor in estimating the amount exported originating in California. This system is also used to estimate the "all other" category. The commodities not listed in Table 5 were divided into 14 groups following the pattern appearing in "Foreign Agricultural Trade of the United States, March/April 1983." California's share of each category was calculated from the totals in Table 14, pp. 58-67 and applied to the sum of values of the "all other" commodities in each classified group. For example, corn for grain, rye, oats, and sorghum for grain were classified as feed grains and U.S. total exports were multiplied by .0105, the calculated factor for California's share of feed grains. The sum of these calculations became the "all other" total and represents 16 percent of the total of California's estimated agricultural exports.

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS
CALENDAR YEAR 1982

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
FIELD CROPS						
ALFALFA						
Alfalfa Hay Cubes	S/Tons	182	21,658	353	44,124	
Alfalfa Meal, Dehydrated	S/Tons	1	138	148	17,464	
Alfalfa Meal, Sun Cured	S/Tons	49	5,651	180	22,487	
Alfalfa Seed, Uncertified	Lb.	417	517	1,555	1,822	
Alfalfa Seed, Certified	Lb.	3,222	4,224	10,699	13,092	
SUBTOTAL--ALL ALFALFA			32,188		98,989	32.5
BARLEY						
Barley, Unmilled	Bu.	141	553	63,140	166,630	0.3
COTTON						
Cotton: 1" to 1-1/8"	Rba.	2,269	733,249	4,498	1,448,742	
Cotton: Other > 1-1/8"	Rba.	417	155,579	758	281,878	
Cotton Linters: Felting Grade	Lb.	2,031	526	16,599	3,532	
Cotton Linters: Other	Lb.	54,409	7,667	158,746	21,427	
SUBTOTAL--ALL COTTON			897,021		1,755,579	51.1
COTTONSEED						
Cottonseed	Lb.	53,445	5,931	82,810	9,748	
Cottonseed Oil, Crude	Lb.	1,759	344	60,398	13,897	
Cottonseed Oil, Once Refined	Lb.	115,992	27,224	742,404	178,751	
Cottonseed Oil, Other	Lb.	37,227	9,384	46,138	11,666	
Cottonseed Oil, Cake and Meal	S/Tons	30	3,875	65	8,584	
Cottonseed Oil, Hydrogenated	Lb.	3,126	965	5,390	1,608	
SUBTOTAL--ALL COTTONSEED			47,723		224,254	21.3
DRY BEANS						
Lima Beans	Lb.	46,485	12,186	46,485	12,186	
White Beans	Lb.	395	85	10,679	2,306	
Red Kidney Beans	Lb.	22,168	5,989	48,613	13,133	
Blackeye Beans (Cowpeas)	Lb.	31,370	8,779	31,370	8,779	
Other Beans	Lb.	40,489	6,928	173,032	29,605	
Other Peas (Garbanzos)	Lb.	7,780	2,076	7,780	2,706	
SUBTOTAL--ALL DRY BEANS			36,043		68,085	52.9
LADINO CLOVER SEED						
Ladino Clover Seed	Lb.	1,693	3,270	1,693	3,270	100.0
RICE						
Rice, Paddy, or Rough	Lb.	13,414	1,208	214,536	21,311	
Rice, Husked, Brown, Medium	Lb.	557,409	65,105	628,980	75,203	
Rice, Husked, Brown, Short	Lb.	293	76	1,015	206	
Rice, Husked, Brown, Mixed	Lb.	5	1	3,482	664	
Rice, Parboiled, Other	Lb.	86	29	5,834	1,396	
Rice, Milled, Medium	Lb.	247,111	35,480	691,819	99,342	
Rice, Milled, Short	Lb.	45,924	6,995	77,835	13,728	
Rice, Milled, Mixed	Lb.	1,423	208	27,226	2,860	
Rice, Milled > 74% Broken	Lb.	5,463	1,189	16,237	2,352	
Rice, Milled, Other	Lb.	15	6	271	62	
Rice, Milled, for Relief	Lb.	3,943	778	82,958	10,998	
Rice, Byproducts	S/Tons	---	16	135	13,316	
SUBTOTAL--ALL RICE			111,091		241,438	46.0
WHEAT						
Wheat, Unmilled, Relief	Bu.	---	---	4,759	20,525	
Wheat, Unmilled, Not Relief	Bu.	46,795	218,242	1,493,649	6,655,050	
Wheat, Flour, Relief	Cwt.	---	---	12,865	29,414	
Wheat, Flour, Not Relief	Cwt.	7	107	13,479	151,761	
Wheat, Flour, Durum and Semolina	Cwt.	13	96	1,039	11,675	
Wheat, Bulgur, Relief	Cwt.	---	---	11,655	47,074	
Wheat, Bulgur, Not Relief	Cwt.	---	---	364	3,684	
Wheat, Other NEC	Cwt.	2	6	94	210	
Wheat, Byproducts	S/Tons	---	7	162	16,935	
SUBTOTAL--ALL WHEAT			218,458		6,936,328	3.1

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS CALENDAR YEAR 1982 (CONTINUED)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
FRUIT AND NUT CROPS						
ALMONDS						
Almonds, Not Shelled	Lb.	10,965	9,407	10,965	9,407	
Almonds, Shelled	Lb.	148,279	171,250	148,279	171,250	
Almonds, Prepared/Preserved	Lb.	43,237	55,630	43,237	55,630	
SUBTOTAL--ALL ALMONDS			236,287		236,287	100.0
APRICOTS						
Dried Apricots (Incl. Peaches, Nectarines, and Pears)	Lb.	3,395	5,494	3,395	5,494	
Apricots, Prepared/Preserved	Lb.	2,454	1,207	2,454	1,207	
SUBTOTAL--ALL APRICOTS			6,701		6,701	100.0
AVOCADOS						
Fresh Avocados	Lb.	13,491	8,942	16,359	10,603	84.3
DATES						
Dried Dates	Lb.	10,095	10,741	10,095	10,741	100.0
FIGS						
Dried Figs	Lb.	2,401	1,885	2,401	1,885	100.0
GRAPES						
Fresh Grapes	Lb.	243,751	94,217	246,213	95,169	99.0
Dried Raisins	Lb.	113,579	105,509	113,579	105,509	100.0
Wines, Not Over 14% Alcohol	W/Gal.	7,341	29,794	7,727	31,362	
Other Wines from Grapes	W/Gal.	1,122	5,763	1,181	6,066	
Other Fermented Alcoholic Beverages	Gal.	213	871	224	917	
Grape Juice, Not Con.	Gal.	1,095	1,178	3,399	3,823	
Grape Juice, Con., Frz.	S/S Gal.	769	1,116	3,185	5,837	
Grape Juice, Con., Not Frz.	S/S Gal.	712	1,091	3,523	6,132	73.5
Canned Mixtures (16% Grapes)	Lb.	13,740	5,965	13,740	5,965	
SUBTOTAL--ALL GRAPES			245,504		260,780	94.1
GRAPEFRUIT						
Fresh Grapefruit	Lb.	74,770	12,795	575,146	98,420	
Grapefruit Juice, Not. Con.	Gal.	575	1,205	3,196	6,693	
Grapefruit Juice, Con., Frz.	S/S Gal.	2,333	3,025	12,961	16,807	
Grapefruit Juice, Con., Not Frozen	S/S Gal.	282	432	1,565	2,402	
SUBTOTAL--ALL GRAPEFRUIT			17,457		124,322	14.0
LEMONS						
Fresh Lemons	Lb.	212,197	60,075	290,681	82,294	
Other Citrus, Not Con.	Gal.	1,990	2,849	2,689	3,850	
Other Citrus, Con., Frz.	S/S Gal.	10,162	10,897	13,733	14,726	
Other Citrus, Con., Not Frz.	S/S Gal.	1,529	2,163	2,066	2,923	
Lemon Oil	Lb.	846	6,172	1,143	8,341	
SUBTOTAL--ALL LEMONS			82,156		112,134	73.3
TANGERINES						
Fresh Tangerines	Lb.	21,558	5,193	27,639	6,658	78.0
ORANGES						
Fresh Oranges	Lb.	720,490	157,807	720,490	183,497	
Orange Juice, Not. Con.	Gal.	2,179	4,368	7,783	15,601	
Orange Juice, Con., Frz., < 32 oz.	S/S Gal.	7,857	16,288	28,062	58,170	
Orange Juice, Con., Frz., 32 oz. - 1 Gal.	S/S Gal.	2,302	3,716	8,220	13,271	
Orange Juice, Frz. > 1 Gal.	S/S Gal.	7,118	8,579	25,423	32,640	
Orange Juice, Con., Not Frz.	S/S Gal.	1,870	2,670	6,679	9,537	
Orange Oil	Lb.	808	725	5,776	5,178	
SUBTOTAL--ALL ORANGES			194,153		315,894	61.5
SUBTOTAL--ALL CITRUS						
OLIVES						
Canned Olives	Lb.	3,583	2,658	3,583	2,658	
Other Olives	Lb.	915	707	915	707	
SUBTOTAL--ALL OLIVES			3,365		3,365	100.0

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS CALENDAR YEAR 1982 (CONTINUED)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
PEACHES						
Fresh Peaches and Nectarines	Lb.	54,130	15,448	68,368	19,528	79.1
Canned Peaches	Lb.	81,993	27,682	81,993	27,682	100.0
Canned Mixtures (45% Peaches)	Lb.	39,544	16,776	39,544	16,776	93.6
SUBTOTAL--ALL PEACHES			59,906		63,986	
PEARS						
Fresh Pears	Lb.	26,913	3,658	92,311	25,368	
Canned Pears	Lb.	3,620	1,426	5,621	2,215	
Canned Mixtures (30% Pears)	Lb.	27,769	11,780	87,875	37,279	26.0
SUBTOTAL--ALL PEARS			16,864		64,862	
PLUMS						
Fresh Plums	Lb.	34,963	13,181	45,380	17,488	75.4
PRUNES						
Dried Prunes	Lb.	129,376	71,407	129,376	71,407	100.0
WALNUTS						
Walnuts, Not Shelled or Preserved	Lb.	82,880	63,384	82,880	63,384	
Walnuts, Shelled	Lb.	8,823	14,375	8,823	14,375	100.0
SUBTOTAL--ALL WALNUTS			77,759		77,759	
VEGETABLES, FLOWERS, AND BERRIES						
ASPARAGUS						
Fresh Asparagus	Lb.	11,498	10,524	14,969	13,076	
Canned Asparagus	Lb.	393	367	2,695	2,272	71.0
SUBTOTAL--ALL ASPARAGUS			10,891		15,348	
BROCCOLI						
Fresh Broccoli	Lb.	55,393	13,558	57,312	14,065	96.4
CABBAGE						
Fresh Cabbage	Lb.	13,624	1,883	50,608	N/A	N/A
CARROTS						
Fresh Carrots	Lb.	51,513	7,853	78,428	13,259	
Frozen Carrots	Lb.	2,199	562	12,085	3,087	51.5
SUBTOTAL--ALL CARROTS			8,415		16,346	
CELERY						
Fresh Celery	Lb.	113,507	15,533	153,703	21,213	73.2
GARLIC						
Fresh Garlic	Lb.	7,777	5,251	7,777	5,251	
Dried Garlic	Lb.	6,333	7,440	6,333	7,440	100.0
SUBTOTAL--ALL GARLIC			12,691		12,691	
LETTUCE						
Fresh Lettuce	Lb.	302,450	39,379	379,071	51,795	76.0
ONIONS						
Fresh Onions	Lb.	37,454	2,840	140,698	11,889	
Dried Onions	Lb.	228,627	26,914	34,508	26,243	78.0
SUBTOTAL--ALL ONIONS			29,754		38,132	
PEPPERS						
Fresh Peppers	Lb.	96	2,026	43,941	8,917	22.7
POTATOES						
Fresh Potatoes	Lb.	73,088	9,046	205,895	25,428	
Potatoes for Seed	Lb.	5,766	642	19,670	1,516	36.0
SUBTOTAL--ALL POTATOES			9,688		26,944	
TOMATOES						
Fresh Tomatoes	Lb.	54,804	14,600	175,442	46,917	
Canned Tomato Pulp (Puree)	Lb.	1,108	406	1,301	478	
Canned Tomato Sauce (Excl. Chili)	Lb.	5,368	2,067	6,315	2,432	
Canned Tomato Paste	Lb.	19,123	9,700	22,556	11,412	

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS CALENDAR YEAR 1982 (CONTINUED)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
TOMATOES (Continued)						
Canned Other Tomatoes	Lb.	16,981	4,532	19,978	5,332	
Tomato Juice and Veg. Juice (> 70% Tomato)	Gal.	2,649	4,721	3,116	5,554	
Catsup and Chili Sauce	Lb.	23,437	9,143	27,573	10,757	
SUBTOTAL--ALL TOMATOES			45,169		82,882	54.5
FLOWERS AND PLANTS						
Cut Flowers	--		5,115		9,836	
Other Cut Plant Materials	--		502		21,806	
Bulbs, Roots, Corms, Etc.	--		795		3,596	
Fruit and Nut Plants	--		845		4,374	
Rose Plants	--		1,122		2,243	
Nursery Stock, N.S.P.F.	--		2,203		28,993	
Flower Seeds	Lb.		4,325		4,805	
SUBTOTAL--ALL FLOWERS AND PLANTS			14,907		75,653	19.7
STRAWBERRIES						
Fresh Strawberries	Lb.	24,539	17,612	27,768	19,829	
Frozen Strawberries	Lb.	5,393	3,616	7,127	4,778	
SUBTOTAL--ALL STRAWBERRIES			21,228		24,607	86.3
LIVESTOCK AND POULTRY						
BEEF, CATTLE AND PRODUCTS						
Beef Bulls, for Breeding	No.	4	3,453	10	10,650	
Beef Females, for Breeding	No.	1	483	7	6,151	
Cattle, Not for Breeding	No.	1	704	27	12,703	
Beef, Fresh or Frozen, with Bone	Lb.	877	1,800	18,830	38,675	
Beef, Fresh or Frozen, without Bone	Lb.	6,317	12,884	135,667	276,728	
Veal, Fresh or Frozen	Lb.	158	193	3,398	4,137	
Beef Tongues, Fresh or Frozen	Lb.	3,276	3,012	70,369	64,691	
Beef Livers, Fresh or Frozen	Lb.	3,705	1,642	79,573	35,276	
Other Beef Offal	Lb.	9,295	6,808	199,636	146,215	
Veal Offal	Lb.	68	47	1,455	1,001	
Beef, Excl. Carcass	Lb.	117	1,444	15,404	31,021	
Veal, Excl. Carcass	Lb.	18	58	379	1,255	
Beef and Veal, Canned	Lb.	311	240	6,676	5,156	
Beef and Veal, Otherwise Prepared	Lb.	396	755	8,505	16,217	
Whole Cattle Hides	Pc.	996	30,313	22,822	694,289	
Whole Calf Skins	Pc.	127	1,083	2,919	24,797	
Cut Cattle Hides/Spec. Cuts	Pc.	15	222	346	5,088	
Other Cut Cattle Hides	Lb.	827	182	18,947	4,170	
Tallow, Edible	Lb.	2,914	692	66,744	15,852	
Tallow, Inedible	Lb.	127,995	24,989	2,931,616	572,342	
SUBTOTAL--ALL BEEF, CATTLE AND PRODUCTS			91,004		1,966,414	4.6
DAIRY, CATTLE, AND PRODUCTS						
Dairy Bulls, for Breeding	No.		315	2	3,127	
Dairy Females, for Breeding	No.	3	6,854	11	17,465	
Bull Semen	--	---	1,015	---	23,532	
Fluid Milk and Cream	Gal.	533	2,167	2,549	7,309	
Evap. Milk and Cream, Canned	Lb.	12,552	5,965	18,418	8,204	
Condensed Milk and Cream, Canned	Lb.	110	50	369	165	
Evap. or Cond. Milk and Cream, Bulk	Lb.	54	26	515	131	
Nonfat Dry Milk, Relief	Lb.	7,880	1,875	145,534	33,016	
Nonfat Dry Milk, Not Relief	Lb.	29,356	5,099	133,161	39,342	
Other Dried Milk and Cream	Lb.	3,106	1,475	54,640	28,263	
Butter	Lb.	88	135	138,188	104,101	
Cheddar Cheese	Lb.	120	218	1,367	2,113	
Am. Type Cheeses, Excl. Cheddar	Lb.	403	503	12,469	7,886	
All Other Cheeses	Lb.	1,290	2,795	25,756	21,870	
Infant's Dried Milk Base Supplement	Lb.	1,328	1,826	11,163	16,138	
Other Dried Milk Base/ Diet Supplement	Lb.	154	100	3,268	3,494	

TABLE 5. CALIFORNIA'S PRINCIPAL AGRICULTURAL EXPORTS WITH COMPARISONS TO U.S. TOTAL AGRICULTURAL EXPORTS CALENDAR YEAR 1982 (CONTINUED)

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated CA Exports Percentage of U.S. Exports (Value Basis)
		Quantity	Value	Quantity	Value	
		000 Units	000 $	000 Units	000 $	Percent
DAIRY, CATTLE, AND PRODUCTS (CONTINUED)						
Ice Cream	Gal.	225	528	1,258	3,083	
Milk Products, NEC	--	---	1,440	---	11,288	
Whey, Fluid	Gal.	17	32	54	158	
Whey, Dried	Lb.	11,929	5,381	57,490	15,994	
Yogurt and Fermented Milk	Lb.	331	187	2,337	1,523	
SUBTOTAL--ALL DAIRY, CATTLE AND PRODUCTS			37,986		348,202	10.9
SHEEP						
Sheep, Live	No.	26	988	281	10,584	
Sheep/Lamb Meat, Fresh or Frozen	Lb.	139	213	1,490	2,329	
Sheep and Lamb Offal	Lb.	994	815	10,652	8,732	
Whole Skins, Sheep, Lambs, With Wool	No.	201	858	2,157	9,199	
Sheep, Lamb Skins, w/o Wool	No.	227	966	2,429	10,352	
SUBTOTAL--ALL SHEEP AND LAMB PRODUCTS			3,840		41,196	9.3
CHICKENS						
Baby Chicks, Breeder Stock	No.	325	629	12,939	43,932	
Baby Chicks, Excl. Breeder Stock	No.	21	30	18,759	7,676	
Chickens, Fr./Frz., Whole/Young	Lb.	665	354	85,677	42,972	
Other Chickens, Fr./Frz., Whole	Lb.	277	171	20,639	11,510	
Chicken Parts, Fr. or Frz.	Lb.	8,657	4,385	415,333	190,076	
Eggs for Hatching	Doz.	32	383	21,785	34,694	
Other Eggs, in Shell	Doz.	12,498	8,413	64,677	39,271	
Dried Egg Whites	Lb.	1,688	2,317	6,906	11,885	
Dried Whole Eggs	Lb.	605	1,161	5,099	7,554	
Egg Whites, Not Dried	Lb.	5,526	2,514	15,175	7,191	
Other Eggs, Not Dried	Lb.	4,512	4,613	14,866	11,065	
SUBTOTAL--ALL CHICKENS AND PRODUCTS			24,970		407,826	6.1
TURKEYS						
Turkey Poults, Live	No.	55	61	1,935	1,816	
Whole Turkeys, Fr. or Frz.	Lb.	2,453	2,010	13,622	10,810	
Turkey Parts, Fr. or Frz.	Lb.	3,711	1,963	37,403	23,219	
SUBTOTAL--ALL TURKEYS AND PRODUCTS			4,034		35,845	11.3
SUBTOTAL--ALL LIVESTOCK			161,834		2,799,483	
TOTAL--PRINCIPAL COMMODITIES			2,784,804			
TOTAL--ALL OTHER COMMODITIES			526,501			
TOTAL--ALL AGRICULTURAL EXPORTS			3,311,305		36,622,000	

LIST OF ABBREVIATIONS

AVG	Average
BEV	Beverages
BU	Bushels
CND	Canned
CON	Concentrated Concentrates
COND	Condensed
CRCSS	Carcass
CRD	Carded
CWT	Hundredweight 100 Pounds
DOZ	Dozen
DRD	Dried
DRM	Durum
EVAP	Evaporated
FLR	Flour
FR	Fresh
FRZ	Frozen
GAL	Gallon
INC	Including
LB	Pound
LTS	Liters
N/ NT	Not
NEC Nec	Not Elsewhere Classified
NO	Number
NOT CON	Not Concentrated
NSPF n.s.p.f.	Not Specifically Provided For
OTH	Other
OV	Over
OZ	Ounces
PC	Piece
PRBL	Parboiled
PREP	Preparations, Prepared
PRES	Preserved
RBA	Running Bale 480 Lbs. Net Avg.
RELF	Relief
SC	Sauce
SHLLD	Shelled
S/SG S/S Gal	Single Strength Gallon
S/Ton STN	Short Ton 2,000 Lbs.
VEG	Vegetable
W/	With
Wg. W. Gal.	Wine Gallon
W/O	Without
X EX EXC	Excluding/ Except

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Cotton	23	Grapes & Products	33	Cabbage	42
Cottonseed	24	Grapefruit & Products	34	Carrots	42
Dry Beans	25	Lemons	35	Celery	43
Ladino Clover Seed	26	Oranges & Products	36	Garlic	43
Rice	27	Olives	38	Lettuce	43
Wheat & Products	28	Peaches & Nectarines	38	Onions	43
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